

Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRLCS-1D	10/6/2009 12:57	0		5.5	105		
BRLCS-1D	10/20/2009 9:33	0		-29.2	80	14	days until compliant vacuum achieved
BRLCS-1D	10/28/2009 14:09	1.4		-51	65		
BRLCS-1D	11/12/2009 14:40	0		-31.6	60		
BRLCS-1D	11/24/2009 14:20	0		-35.9	80		
BRLCS-1D	12/11/2009 11:48	0	-41.9	-41.9	70		
BRLCS-1D	12/22/2009 13:56	0	-39.1	-39.1	42		
BRLCS-1D	12/22/2009 14:08	3.1	-36.6	-36.6	42		
BRLCS-2D	7/1/2009 12:08	0		-41.3	90		
BRLCS-2D	7/17/2009 14:12	0		-44.4	80		
BRLCS-2D	8/6/2009 11:01	0		-43.7	85		
BRLCS-2D	8/18/2009 11:32	0		-42.6	82		
BRLCS-2D	9/11/2009 11:01	0		-45.8	82		
BRLCS-2D	9/28/2009 14:51	0		-47.4	72		
BRLCS-2D	10/5/2009 14:32	0		-47.5	75		
BRLCS-2D	10/28/2009 14:30	0		-50.7	60		
BRLCS-2D	10/28/2009 14:32	0		-51.5	60		
BRLCS-2D	11/12/2009 15:01	0		-39.6	70		
BRLCS-2D	11/24/2009 14:48	0		-42.5	62		
BRLCS-2D	12/11/2009 12:20	0	-44.5	-44.5	60		
BRLCS-2D	12/22/2009 14:31	0	-41.4	-41.4	58		
BRLCS-3C	7/1/2009 12:03	0		-42.2	82		
BRLCS-3C	7/17/2009 14:19	0		-42	90		
BRLCS-3C	8/6/2009 10:57	0		-41.7	90		
BRLCS-3C	8/18/2009 11:28	0		-42.7	90		
BRLCS-3C	9/11/2009 10:58	0		-42.5	90		
BRLCS-3C	9/28/2009 14:47	0		-41.4	82		
BRLCS-3C	10/5/2009 14:27	0		-47.5	85		
BRLCS-3C	10/28/2009 14:28	0		-43.2	70		
BRLCS-3C	11/12/2009 14:57	0		-33.1	72		
BRLCS-3C	11/24/2009 14:43	0		-36.2	70		
BRLCS-3C	12/11/2009 12:23	0	-37	-37	60		
BRLCS-3C	12/22/2009 14:28	0	-32.3	-32.3	62		
BRLCS-4A	7/1/2009 11:10	0		-0.3	82		
BRLCS-4A	7/17/2009 13:42	0		0.2	80		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRLCS-4A	7/17/2009 13:44	0		-0.2	80	<1	day until compliant vacuum achieved
BRLCS-4A	8/6/2009 10:38	0		-0.2	90		
BRLCS-4A	8/18/2009 11:04	0		-0.3	85		
BRLCS-4A	9/11/2009 10:47	0		0	90		
BRLCS-4A	9/11/2009 10:50	0		-0.8	90	<1	day until compliant vacuum achieved
BRLCS-4A	9/28/2009 14:19	0		-0.2	70		
BRLCS-4A	10/5/2009 14:03	0		-0.2	80		
BRLCS-4A	10/28/2009 14:02	0		-2.4	60		
BRLCS-4A	10/28/2009 14:05	0		-2.1	60		
BRLCS-4A	11/12/2009 14:34	0		-0.3	60		
BRLCS-4A	11/24/2009 14:16	0		-0.2	52		well decommissioned on 12/9/09
BRLCS-5A	7/1/2009 11:57	0		-50.2	92		
BRLCS-5A	7/17/2009 13:54	0		-49.7	92		
BRLCS-5A	8/6/2009 10:52	0		-49	102		
BRLCS-5A	8/18/2009 11:19	0		-48.4	100		
BRLCS-5A	9/11/2009 11:04	5.9		-51.8	90		
BRLCS-5A	9/11/2009 11:07	6.6		-49.7	90		
BRLCS-5A	9/28/2009 14:37	0		62.5	90	17	days until compliant oxygen concentration achieved
BRLCS-5A	9/28/2009 14:41	0		-1.8	90	<1	day until compliant vacuum achieved
BRLCS-5A	10/5/2009 14:22	0		-42.6	95		
BRLCS-5A	10/28/2009 14:23	0		-51.6	98		
BRLCS-5A	11/12/2009 14:54	0		-49.7	90		
BRLCS-5A	11/24/2009 14:39	0		-51	82		
BRLCS-5A	12/11/2009 12:14	0	-48.9	-48.9	80		
BRLCS-5A	12/22/2009 14:23	0	-46.1	-46.1	80		
BRLCS-6A	7/1/2009 11:46	0		-0.6	100		
BRLCS-6A	7/1/2009 11:50	0		-0.3	100		
BRLCS-6A	7/17/2009 13:50	0		-0.1	85		
BRLCS-6A	8/6/2009 10:47	0		-0.5	108		
BRLCS-6A	8/18/2009 11:15	0		-0.1	102		
BRLCS-6A	9/11/2009 11:01	0		-0.2	105		
BRLCS-6A	9/28/2009 14:24	0		-0.3	95		
BRLCS-6A	10/5/2009 14:17	0		-0.1	105		
BRLCS-6A	10/28/2009 14:19	0		-0.3	88		
BRLCS-6A	11/12/2009 14:50	0		-0.3	68		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

Device ID	Date Time	O <sub>2</sub> (Oxygen) (% by vol)	Initial Static Pressure (inches H <sub>2</sub> O)	Adjusted Static Pressure (inches H <sub>2</sub> O)	Initial Temperature (Deg F)	Duration Until Compliance Was Achieved (days)	Notes
BRLCS-6A	11/24/2009 14:31	0		-4.5	115		
BRLCS-6A	11/24/2009 14:34	0.4		-2.8	90		
BRLCS-6A	12/11/2009 11:54	0	0.6	0.6	48		
BRLCS-6A	12/11/2009 11:56	0	-7.7	-7.7	100	<1	day until compliant vacuum achieved
BRLCS-6A	12/22/2009 14:19	0	-0.2	-0.2	72		

\*Standard operating procedure requires immediate action to be taken in instances that exceedances are monitored. Corrective action taken < 1 day.

## **APPENDIX B**

### **CONTROL DEVICE DOWNTIME TABLE**

**Control Device Downtime**  
**Bridgeton Landfill, LLC**  
**Reporting Period July 1, 2009 through December 31, 2009**

Initial Type of Event	Date(s) of Event	Duration of Event (hours:min:sec)	Description of Event
Shutdown	7/16/09 11:52	1:48:00	repair condensate trap
Malfunction	7/31/09 8:10	98:42:00	damaged wires/bearings in blower motor
Malfunction	9/9/09 15:45	18:09:00	damaged well header or lateral piping
Malfunction	9/21/2009 23:45	6:45:00	Automatic shutdown of control device by designed protective systems
Shutdown	11/4/2009 16:30	1:45:00	maintenance - connections to backup blower and motor
Malfunction	11/18/09 13:13	2:25:00	power outage - not reported to SLCDOH
Malfunction	11/26/09 18:29	84:41:00	auto shutdown - low temp; adjusted louvres
Malfunction	11/26/09 23:59	9:31:00	Overvoltage to variable frequency drive which controls blower motor registering a low temp. on programable logic controler.
Malfunction	12/10/09 17:58	5:14:00	Frozen flare block valve
Malfunction	12/12/09 23:15	39:00:00	Loss of phase, blower failure - originally reported from 12/14 at 0:45
Malfunction	12/23/09 14:51	111:45:00	power surge VFD (originally reported as 12/27/09 11:35 AM - 12/28/09 7:34 AM)

\*Per NSPS only periods in excess of one hour are reported.

**APPENDIX C**

**WELL CONSTRUCTION DIAGRAMS**